

**Amendments to the Claims:**

If acceptable, the following listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (AMENDED) An amorphous shape memory polymeric network comprising a crosslinked ABA triblock dimethacrylate macromonomer, wherein the macromonomer comprises blocks derived from polyesters and polyethers, **and wherein A blocks of the ABA triblock have a molecular weight of 1500 g/mol to 3200 g/mol**, ~~and wherein the network has at least two glass transition points.~~
2. (PREVIOUSLY PRESENTED) The amorphous network according to claim 1, wherein the polyester is a poly (rac-lactide).
3. (PREVIOUSLY PRESENTED) The amorphous network according to claim 1, wherein the polyester is the A block.
4. (PREVIOUSLY PRESENTED) The amorphous network according to claim 1, wherein the polyester is a polypropylene oxide.
5. (PREVIOUSLY PRESENTED) The amorphous network according to claim 1, wherein the polyester is the B block.
6. (AMENDED) A method for preparing an amorphous polymeric network, comprising irradiating a melt comprising an ABA triblock dimethacrylate macromonomer as defined in claim 1 with UV light in order to induce crosslinking of the macromonomer, ~~wherein the resulting network has at least two glass transition points.~~
- 7-10. (CANCELED)

11. (NEW) An amorphous shape memory polymeric network comprising a crosslinked ABA triblock dimethacrylate macromonomer, wherein the macromonomer comprises blocks derived from polyesters and polyethers, and wherein the amorphous network has a recovery value of above approximately 90%.

12. (NEW) An amorphous shape memory polymeric network comprising a crosslinked ABA triblock dimethacrylate macromonomer, wherein the macromonomer comprises blocks derived from polyesters and polyethers, and wherein the amorphous network is completely amorphous.